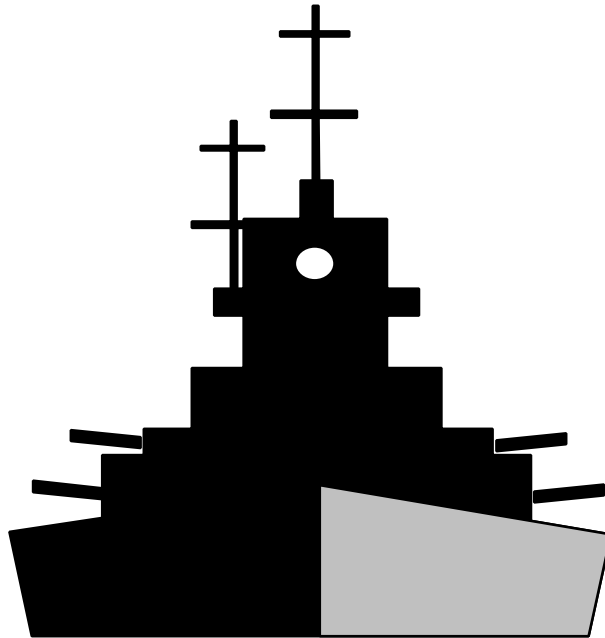


Bureau of Medicine and Surgery



NITRAS/CANTRAC Desktop Guide

DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY
2300 E STREET NW
WASHINGTON, DC 20372-5300

1510
Ser 535/97-6024
08 Jan 97

From: Chief, Bureau of Medicine and Surgery

Subj: NAVY INTEGRATED TRAINING RESOURCES ADMINISTRATION SYSTEM
(NITRAS) AND CATALOG OF NAVY TRAINING COURSES (CANTRAC)

Encl: (1) NITRAS/CANTRAC Desktop Guide
(2) NITRAS and CANTRAC forms

1. In an effort to improve the accuracy of the information that Navy Medicine reports into NITRAS, we have developed enclosure (1). This desktop guide provides specific information on the procedures used to perform all NITRAS course activity (i.e. how to initiate a new course, make changes to or delete an existing course, plan class schedules, etc.). The original report forms, enclosure (2), are to be used for all NITRAS activity submission. Local reproduction of these forms is authorized.

2. Every NITRAS course activity (i.e. course revision, addition, deletion, etc.) is to be conducted through the BUMED NITRAS Coordinator (MED-5351), who will synchronize review by approval authorities as needed. This office will make all course adjustments directly into NITRAS and the changes will be reflected immediately.

3. My point of contact is MED-5351, at (202) 762-3831, DSN 762-3831, FAX (202) 762-3847/3846.

/s/
CHARLES B. MOUNT
By direction

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(NITRAS)

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INTRODUCTION

This desktop guide for the Course Level of the Navy Integrated Training Resources Administration System (NITRAS) and the Catalog of Navy Training Courses (CANTRAC) provides NITRAS II related tasks necessary to assist Training Program Coordinators (TPC) in the accurate and timely submission of data.

The procedures outlined in this guide are organized in sections, each one presenting detailed information to accomplish a task. You don't have to read the book sequentially to learn a procedure. You can jump around from section to section to find the information you want.

**Navy Integrated Training
Resources Administration System
II
(NITRAS)**

NITRAS II COURSE OVERVIEW

The following is a brief overview of the **COURSE** functional design incorporated into NITRAS II. It is intended to give the user a general understanding of the new system and the processes or steps required to maintain course-related data. The Master Course Reference File (MCRF) from NITRAS I has been converted to three major levels of data storage and management:

COURSE LEVEL - This level contains the basic course information regardless of who is assigned functional responsibility for managing the course or where it is taught.

FUNCTIONAL COURSE LEVEL - This level contains the information pertaining to the functional command(s) designated to manage training activities conducting the course. There could be multiple entries at this level if more than one functional command is involved.

LOCATION COURSE LEVEL - This level contains all of the information unique to the training activity authorized to teach the course. It is generally equivalent to the CDP record in the MCRF in NITRAS I. All of the capacity data, class schedule data, quota spreads, etc., are stored at this level.

All of the course data including plans, requirements, and quota allocation requirements are stored at the applicable level using this data storage strategy.

FORMS

New input forms are being developed by the NITRAS Program Management office to assist you and BUMED-05, your Curriculum Control Authority (CCA), in getting the data accurately into NITRAS II. The CCA, normally the functional commander, is the agency who approves instructional methods materials and who operate program resources and maintain assigned courses. Until these forms are distributed, we request you use the forms described in this guide book to accomplish each tasks. These forms are screens extracted from NITRAS II. They allow the user to query the database for specific record(s) to update or view the contents.

SUBMISSION REQUIREMENTS

For each type of NITRAS activity, there is a series of input forms required to complete the task. The following page identifies the input forms necessary to ensure proper completion of each activity/task. Use it as a checklist when submitting any NITRAS request to the BUMED NITRAS Coordinator (MED-5351).

ESTABLISHING A NEW COURSE

To properly establish a course in NITRAS II, complete and forward the following forms with appropriate course information:

Functional Course Durations (INSTR008-1)

Catalog of Navy Training Courses (CNET-GEN 1500/19)

along with these additional forms containing specific information for each training site:

Location Courses (INSTR070-1)

Location Course Class Schedules (INSTR011-1)

Maintain Course Plan Quota Allocations (INSTR318-1)

Maintain Course Requirement Allocations (INSTR365-1) - only for "A" and "C"

school courses

Location Course Capacities (INSTR002-1)

Location Durations (INSTR005-1)

REVISE OR CHANGE EXISTING COURSE DATA

To revise or change any information in NITRAS II on an existing course, complete and forward the following form identifying appropriate course information:

Location Courses (INSTR070-1)

along with the forms reflecting appropriate changes for each training site affected:

Location Course Class Schedules (INSTR011-1) - for annual schedule submission as well as changes to existing schedules

Maintain Course Plan Quota Allocations (INSTR318-1) - for changes to the number and/or type of personnel planned to train

Maintain Course Requirement Allocations (INSTR365-1) - only for "A" and "C" school courses; for changes to the number and/or type of personnel required to train

Location Course Capacities (INSTR002-1) - for changes to the maximum student class capacity and/or number of classes convened per year

Functional Course Durations (INSTR008-1) - for course length, theory and lab hour distribution changes

Location Durations (INSTR005-1) - for contact hours and student to instructor ratio changes

Catalog of Navy Training Courses (CNET-GEN 1500/19) - for course title, purpose, scope, and prerequisite changes

DEACTIVATING A COURSE OR CDP

To deactivate an existing course or specific training site (CDP) in NITRAS II, complete and forward the following form identifying appropriate course information for each training site affected:

Location Courses (INSTR070-1)

ESTABLISHING A NEW COURSE

Form: Location Courses (INSTR070 - 1)

Procedure:

1. Complete personal information located on the top portion of the form. Please type or print legibly.
2. **Action Code:** A code indicating the action desired. Circle the action desired. Valid codes are defined as follows:

A - ADD new data. Applies to initial loading of data only.
C - CHANGE existing course data by replacing it with data listed on this form.

* Always “A” for a new course.
3. **Functional Commander/ Skill Defense Group/ Sequence Identifier:** Leave blank. The BUMED NITRAS/CANTRAC Manager will assign a Course Identification Number (CIN) for the course being established. A CIN is an alphanumeric code which identifies the course by sponsor, DOD skill and a sequence number. Identical courses taught at different locations will have the same CIN. TPCs will be notified immediately after a CIN has been assigned.
4. **Abbreviated Name:** Enter course short title. A course short title is defined as an abbreviated descriptive title of the course.
5. **Type Course:** An alphanumeric code which indicates the type training category. Enter type course. A list of all type courses begins on page 33.
6. **Functional Commander Name:** Enter “Bureau of Medicine and Surgery”.
7. **Name:** Enter the course long title. A course long title is defined as the full descriptive title of the course.
8. **Status:** Leave blank.
9. **CDP:** Leave blank. The BUMED NITRAS/CANTRAC Manager will assign a Course Data Processing Code (CDP) for the course being established. A CDP is an alphanumeric code assigned to identify each course or instruction within the NITRAS database and is also used as a training history code for navy personnel records. Identical courses taught at more than one location will have a different

CDP for each location. TPCs will be notified immediately after a CDP has been assigned.

10. **Activity:** Enter Student Unit Identification Code (UIC) as identified in NAVCOMPTMAN Volume 2, Chapter 5. If no UIC is assigned, this field must be coordinated with and may not be changed without approval of the NITRAS/CANTRAC Manager.
11. **Security Clearance:** Enter the alphabetic code designating the required security clearance of the course curriculum and material. Valid codes are:
 - C - Confidential Clearance
 - S - Secret
 - T - Top Secret
 - J - No Clearance required
 - W- Top Secret, SCI required
12. **Previous Activity:** Leave blank.
13. **Service Support:** A code identifying the service providing the training support. Valid codes are:

1 - NAVY	5 - COAST GUARD
2 - AIR FORCE	6 - CIVILIAN
3 - ARMY	7 - FOREIGN
4 - MARINE CORPS	8 - OTHER
14. **Begin Date:** The date on which a course is first planned for implementation at a location. This date signifies a course that is planned to start. Enter the planned implementation date of a course.
15. **Effective Date:** The date on which a course is implemented at a specific location. This date signifies when a course is to become active. Enter the actual implementation date of a course.
16. **Termination Date:** Leave blank.
17. **End Date:** Leave blank.
18. **Schoolhouse Department:** Leave blank.
19. **Schoolhouse Division:** Leave blank.

20. **Fleet:** A code denoting whether a course at a specific location is a Fleet Training course. Valid codes are:

N - Non- Fleet Y - Fleet

21. **Portable:** A code denoting whether a course is portable (mobile). Valid codes are:

N - Non Portable
Y - Is Portable (Mobile)

22. **VTT:** Video Tele-training code. A code denoting whether a given location course can be taught using Video Tele-training. Valid codes are:

N - No VTT
Y - Course taught using VT

23. **Req Sched:** Class scheduling code. A code denoting whether a given course is convened on request and therefore does not maintain a class schedule and corresponding class quotas. Valid codes are:

N - No schedule required
Y - Schedule required

24. **Learning Method:** Basic course information. Valid codes are:

G - Group-paced
S - Self-paced

25. **Management Method:** Basic course information. Valid codes are:

C - Computer Managed Instruction
B - Instructional Support System (ISS)
A - Instructor Managed Instruction

26. **MASL:** Military Assistance Program (MAP) Articles and Services List. A code identifying courses offered to foreign students. Leave blank.

27. **RMS Costing:** Leave blank. Only the Naval Education and Training Professional Development and Technology Center (NETPDTC), under the direction of CNET, may enter Resource Management System (RMS) Cost Account Code to identify funding support of the course.

* See next two pages for submission form and sample entry.

Name _____ Rank/Rate _____
(Last, First, Middle Initial)

Command _____

Address _____

City _____ State _____ Zip Code _____

Telephone Number: Commercial _____ DSN _____

E-Mail Address _____ Today's Date _____

INSTR070 - 1

Location Courses

Action Code

Functional Commander /
Skill Defense Group /
Sequence Identifier

Abbreviated Name

Type Course

Functional Commander Name

--	--	--	--

Name

Status

--	--

CDP

Activity

Unit

Security Clearance

		?				?	
--	--	---	--	--	--	---	--

Service Support

Begin Date

Effective Date

Termination Date

	?				
--	---	--	--	--	--

Schoolhouse Department

Schoolhouse Division

Fleet?

Portals

	?			?			?	
--	---	--	--	---	--	--	---	--

Learning Method

Management Method

MASL

	?			?		
--	---	--	--	---	--	--

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR070 - 1

Location Courses

Action Code

Functional Commander /
 Skill Defense Group /
 Sequence Identifier

Abbreviated Name

Type Course

Functional Commander Name

B-300-0010	HM BASIC	A5	CHIEF BUREAU OF M
------------	----------	----	-------------------

Name

Status

HOSPITAL CORPSMAN BASIC	A
-------------------------	---

CDP

Activity

Unit

Security Clearance

6084	30638	?	NHCS GLAKES IL		J	?	NO CLEARANCE REQ
------	-------	---	----------------	--	---	---	------------------

Service Support

Begin Date

Effective Date

Termination Date

1	?	NAVY	1979-09-01	1979-09-01	
---	---	------	------------	------------	--

Schoolhouse Department

Schoolhouse Division

Fleet?

Portals

1	?	ACADEMICS	136	?	GENERAL TRNG COORD (ADMIN)	N	?	N
---	---	-----------	-----	---	----------------------------	---	---	---

Learning Method

Management Method

MASL

G	?	GROUP-PACED	B	?	INSTRUCTIONAL SUPPORT SYSTEM	P175504
---	---	-------------	---	---	------------------------------	---------

REVISE OR CHANGE EXISTING COURSE DATA

Form: Location Courses (INSTR070 - 1)

Procedure:

1. Follow procedures in completing form **INSTR070 - 1, Establish a New Course/ Location Courses** with the following exception:

Action Code: Circle "C" for revision.

DEACTIVATE A COURSE DATA PROCESSING CODE (CDP)

Form: Location Courses (INSTR070 - 1)

Procedure:

1. Follow procedure in completing form **INSTR070 - 1, Establish a New Course/ Location Courses** with the following exception:

Termination Date: Enter the date on which a course is no longer taught at a specific location.

CLASS SCHEDULES

Form: Location Course Class Schedules (INSTR011 - 1)

Procedure:

1. Complete personal information located on the top portion of the form. Please type or print legibly.
2. **Action Code:** A code indicating the action desired. Circle the action desired. Valid codes are defined as follows:

A - ADD new data. Applies to initial loading of data only.
C - CHANGE existing course data by replacing it with data listed on this form.
3. **CDP:** Enter the Course Data Processing Code (CDP). A CDP is an alphanumeric code assigned to identify each course or instruction within the NITRAS database and is also used as training history code for navy personnel records. Courses with the same CIN will have individually assigned CDP codes.
4. **Functional Commander/Skill Defense Group/ Sequence Identifier:** Enter the Course Identification Number (CIN). A CIN is an alphanumeric code which identifies the course by sponsor (Functional Commander), DOD Skill (Skill Defense Group), and a sequence number (Sequence Identifier).
5. **Abbreviated Name:** Enter course short title. A course short title is defined as an abbreviated descriptive title of the course.
6. **Type Course:** An alpha or numeric code which indicates the type training category. Enter type course. A list of all type courses begins on page 33.
7. **Activity:** Enter the Student Unit Identification Code (UIC) as identified in NAVCOMPTMAN Volume 2, Chapter 5. If no UIC is assigned, this field must be coordinated with and may not be changed without approval of the NITRAS/CANTRAC Manager.
8. **Activity Name:** Enter name of command conducting the training.
9. **Status:** Leave blank.

10. **Class Number:** A numeric class identification code; the first two positions identify the fiscal year during which the class convenes and the last three positions identify each sequentially scheduled class to convene in the fiscal year.
- FY** - Enter the fiscal year in which the class convenes.
- Seq Id** - Enter number that sequentially identify each class scheduled. NETPDTC recommends classes be numbered in a manner that will permit easy insertion of unscheduled classes. "A" and "C" school classes will be numbered 05, 10, 15, 20, etc. Non- NEC producing short classes will be numbered 10, 20, 20, 40, etc.
- Sect Id** - Commonly known as shift. Enter number of shifts per day the course is to be taught. For example two classes are scheduled to convene and graduate on the same dates. Both classes will have the same class number (Seq Id), but the Sect Id on the first class listed would be "1" and the Sect Id on the second class listed would be "2". The maximum number of shifts (Sect Id) is 3.
11. **Plan Cnv Date:** Enter the date the class is scheduled to convene (year, month, day). For example, enter 1996-12-25 for 1996 December 25. The first class number of a fiscal year must have a convene date greater than or equal to 1 October. The last class of the fiscal year must have a convening date less than or equal to 30 September. Class convene dates must be in chronological order.
12. **Plan Grad Date:** Enter the date the class is scheduled to graduate (year, month, day). For example, enter 1996-12-25 for 1996 December 25.
13. **Act Cnv Date:** Leave blank.
14. **Act Grad Date:** Leave blank.
15. **Cancel Reason?:** Leave blank.
16. **Cancel Name:** Leave blank.
17. **Alt Site UIC:** Leave blank.

* See next two pages for submission form and sample entry.

E-Mail Address _____ Today's Date _____

A

[illegible]

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR011 - 1

Location Course Class Schedules

A

CDP	Functional Commander / Skill Defense Group / Sequence Identifier	Abbreviated Name	Type Course	Activity	Activity Name
6084	B-300-0010	HM BASIC	A	30638	NHCS GLAKES IL

====Class Number=====			Plan Cnv	Plan Grad	Act Cnv	Act Grad	Cancel	Reason?
FY	Seq ID	Sect ID	Date	Date	Date	Date		
1998	5	1	1997-10-06	1998-01-30	1997-10-06			?
1998	5	2	1997-10-06	1998-01-30	1997-10-06			?
1998	10	1	1997-10-14	1998-02-06	1997-10-14			?
1998	10	2	1997-10-14	1998-02-06	1997-10-14			?
1998	15	1	1997-10-21	1998-02-13	1997-10-21			?
1998	15	2	1997-10-21	1998-02-13	1997-10-21			?
1998	20	1	1997-10-27	1998-02-20	1997-10-27			?
1998	20	2	1997-10-27	1998-02-20				?
1998	25	1	1997-11-03	1998-02-27	1997-11-03			?
1998	25	2	1997-11-03	1998-02-27	1997-11-03			?

OPERATION/ REQUIREMENTS PLAN (PLAN)

Form: Maintain Course Plan Quota Allocations (INSTR318 - 1)

Procedure:

1. Complete personal information located on the top portion of the form. Please type or print legibly.
2. **Action Code:** A code indicating the action desired. Circle the action desired. Valid codes are defined as follows:

A - ADD new data. Applies to initial loading of data only.

C - CHANGE existing course data by replacing it with data listed on this form.
3. **CDP:** Enter the Course Data Processing Code (CDP). A CDP is an alphanumeric code assigned to identify each course or instruction within the NITRAS database and is also used as training history code for navy personnel records. Courses with the same CIN will have individually assigned CDP codes.
4. **Functional Commander/Skill Defense Group/ Sequence Identifier:** Enter the Course Identification Number (CIN). A CIN is an alphanumeric code which identifies the course by sponsor (Functional Commander), DOD Skill (Skill Defense Group), and a sequence number (Sequence Identifier).
5. **Abbreviated Name:** Enter course short title. A course short title is defined as the abbreviated descriptive title of the course.
6. **Type Course:** An alphanumeric code which indicates the type training category. Enter type course. A list of all type courses begins on page 33.
7. **Activity:** Enter the Student Unit Identification Code (UIC) as identified in NAVCOMPTMAN Volume 2, Chapter 5. If no UIC is assigned, this field must be coordinated with and may not be changed without approval of the NITRAS/CANTRAC Manager.
8. **Activity Name:** Enter name of command conducting the training.
9. **Name:** Enter the course long title. A course long title is defined as the full descriptive title of the course.
10. **Status:** Leave blank.

11. **Fiscal Year:** Enter the four digit number of the fiscal year being planned. For example: 1997, 1998, 1999 etc.
12. **Quantity:** Enter the planned number of student inputs.
13. **Service Category:** A grouping that identifies a particular type of students for a specific type of training user. Enter student service category. Valid codes are listed beginning on page 29.
14. **Status:** Identifies whether the allocation is restricted to enlisted personnel, officers, or warrant officers. Enter person service status (PSS). Valid codes are:
 - E - Enlisted
 - N - No restriction
 - O - Officer
 - W - Warrant Officer
15. **Rate:** Identifies whether the allocation is restricted to a certain rating. Enter the rating or you may leave the space blank.
16. **Gender:** Identifies whether the allocation is restricted to a certain gender. Enter the gender. Valid codes are:
 - M - Male
 - F - Female
 - U - Unknown
 - N - No Restriction
17. **Country:** Leave blank.

* See next two pages for submission form and sample entry.

E-Mail Address _____ Today's Date _____

A

CDP	Sequence Identifier	Abbreviated Name	Type	Course	Activity

Name	Status

[illegible]

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR318 - 1

Maintain Course Plan Quota Allocations

A

CDP	Functional Commander / Skill Defense Group / Sequence Identifier	Abbreviated Name	Type Course	Activity	
6084	B-300-0010	HM BASIC	A5	30638	N

Name	Status
HOSPITAL CORPSMAN BASIC	A 01-SEP

Fiscal Year	Quantity	Service Category	Status	Rate	Gender	Country
1998	1	FNATN	? E ?	?	N ?	
1998	4159	USNARG	? E ?	?	N ?	UNITED STA
1998	80	USNATAR	? E ?	?	N ?	UNITED STA
1999	1	FNATN	? E ?	?	N ?	
1999	29	USNARG4YO	? E ?	?	N ?	UNITED STA
1999	3200	USNARG5YO	? E ?	?	N ?	UNITED STA
1999	68	USNATAR	? E ?	?	N ?	UNITED STA

OPERATION/REQUIREMENTS PLAN (REQUIREMENTS)

Form: Maintain Course Requirement Allocations (INSTR365 - 1)

Procedure:

1. Complete personal information located on the top portion of the form. Please type or print legibly.
2. **Action Code:** A code indicating the action desired. Circle the action desired. Valid codes are defined as follows:

A - ADD new data. Applies to initial loading of data only.

C - CHANGE existing course data by replacing it with data listed on this form.
3. **CDP:** Enter the Course Data Processing Code (CDP). A CDP is an alphanumeric code assigned to identify each course or instruction within the NITRAS database and is also used as training history code for navy personnel records. Courses with the same CIN will have individually assigned CDP codes.
4. **Functional Commander/Skill Defense Group/ Sequence Identifier:** Enter the Course Identification Number (CIN). A CIN is an alphanumeric code which identifies the course by sponsor (Functional Commander), DOD Skill (Skill Defense Group), and a sequence number (Sequence Identifier).
5. **Abbreviated Name:** Enter course short title. A course short title is defined as the abbreviated descriptive title of the course.
6. **Type Course:** An alphanumeric code which indicates the type training category. Enter type course. A list of all type courses begins on page 33.
7. **Activity:** Enter the Student Unit Identification Code (UIC) as identified in NAVCOMPTMAN Volume 2, Chapter 5. If no UIC is assigned, this field must be coordinated with and may not be changed without approval of the NITRAS/CANTRAC Manager.
8. **Activity Name:** Enter name of command conducting the training.
9. **Name:** Enter the course long title. A course long title is defined as the full descriptive title of the course.
10. **Status:** Leave blank.

11. **Fiscal Year:** Enter the four digit number of the fiscal year being planned. For example: 1997, 1998, 1999 etc.
12. **Quantity:** Enter training input plans.
13. **Service Category:** A grouping that identifies a particular type of students for a specific type of training user. Enter student service category. Valid codes are listed beginning on page 29.
14. **Status:** Identifies whether the allocation is restricted to enlisted personnel, officers, or warrant officers. Enter person service status (PSS). Valid codes are:
- E - Enlisted
 - N - No restriction
 - O - Officer
 - W - Warrant Officer
15. **Rate:** Identifies whether the allocation is restricted to a certain rating. Enter the rating or you may leave the space blank.
16. **Gender:** Identifies whether the allocation is restricted to a certain gender. Enter the gender. Valid codes are:
- M - Male
 - F - Female
 - U - Unknown
 - N - No Restriction
17. **Country:** Leave blank.

* See next two pages for submission form and sample entry.

E-Mail Address _____ Today's Date _____

A

CDP	Sequence Identifier	Abbreviated Name	Type Course	Activity

Name	Status

[illegible]

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR365 - 1

Maintain Course Requirement Allocations

A

CDP	Functional Commander / Skill Defense Group / Sequence Identifier	Abbreviated Name	Type Course	Activity	
6084	B-300-0010	HM BASIC	A5	30638	N

Name	Status
HOSPITAL CORPSMAN BASIC	A 01-SEP

Fiscal Year	Quantity	Service Category	Status	Rate	Gender	Country
1998	1	FNATN	? E ?	?	N ?	
1998	4159	USNARG	? E ?	?	N ?	UNITED STA
1998	80	USNATAR	? E ?	?	N ?	UNITED STA
1999	1	FNATN	? E ?	?	N ?	
1999	29	USNARG4YO	? E ?	?	N ?	UNITED STA
1999	3200	USNARG5YO	? E ?	?	N ?	UNITED STA
1999	68	USNATAR	? E ?	?	N ?	UNITED STA

COURSE CAPACITIES

Form: Location Course Capacities (INSTROO2 - 1)

Definition:

Class Capacity - The number of students that may be trained per class based on a single-shift operation. Expressed in terms of three constraining factors:

- (1) Personnel Allowance - The number of students that may be trained per class based on the number of instructor and non-instructor billets contained in the manpower authorization and used locally to support the course.
- (2) Equipment - The number of students that may be trained per class based on the amount of equipment available per scheduled class period. Assumes that unlimited personnel and space are available.
- (3) Classroom Space - The number of students that may be trained per class based on the availability of classroom space for a specific class. Classroom/training space includes laboratory, shop, hangar, or any other space configured for training purposes. Assumes that unlimited personnel and equipment are available.

Procedure:

1. Complete personal information located on the top portion of the form. Please type or print legibly.
2. **Action Code:** A code indicating the action desired. Circle the action desired. Valid codes are defined as follows:

A - ADD new data. Applies to initial loading of data only.
C - CHANGE existing course data by replacing it with data listed on this form.
3. **CDP:** Enter the Course Data Processing Code (CDP). A CDP is an alphanumeric code assigned to identify each course or instruction within the NITRAS database and is also used as training history code for navy personnel records. Courses with the same CIN will have individually assigned CDP codes.

4. **Functional Commander/Skill Defense Group/Sequence Identifier:** Enter the Course Identification Number (CIN). A CIN is an alphanumeric code which identifies the course by sponsor (Functional Commander), DOD Skill (Skill Defense Group), and a sequence number (Sequence Identifier).
5. **Abbreviated Name:** Enter course short title. A course short title is defined as the abbreviated descriptive title of the course.
6. **Type Course:** An alpha or numeric code which indicates the type training category. Enter type course. A list of all type courses begins on page 33.
7. **Activity:** Enter the Student Unit Identification Code (UIC) as identified in NAVCOMPTMAN Volume 2, Chapter 5. If no UIC is assigned, this field must be coordinated with and may not be changed without approval of the NITRAS/CANTRAC Manager.
8. **Activity Name:** Enter name of command conducting the training.
9. **Name:** Enter the course long title. A course long title is defined as the full descriptive title of the course.
10. **Status:** Leave blank.
11. **Fiscal Year:** Enter the four digit number of the fiscal year. For example: 1997, 1998, 1999 etc.
12. **Constraint Type Code:** Capacity Type. Enter the constraint type code. Valid codes are:
 - P - Personnel Capacity
 - E - Equipment Capacity
 - S - Space Capacity
13. **Max Student Quantity :** The maximum number of students that can be convened per class based on:
 - number of billets and/or contract man years (instructor resources) authorized for the course. (Personnel)
 - available equipment capability only. (Equipment)
 - availability of assigned training space. (Space)

Enter maximum student quantity.

14. **Max Convene Quantity:** The maximum number of times a class can convene each fiscal year based on :

- the instructor resources authorized for the course. (Personnel)
- the equipment capability. (Equipment)
- the space availability. (Space)

Enter maximum student quantity.

15. **Max Shifts Quantity:** The maximum number of times a class can be taught based on :

- instructor resources. (Personnel)
- equipment resources. (Equipment)
- available space. (Space)

Enter maximum shifts quantity.

16. **Yearly Input Capacity:** Yearly input capacity is determined by multiplying the maximum student quantity by the maximum convene quantity. Leave blank. The yearly input capacity will be automatically computed by NITRAS II.

17. **Constrained Length (days):** Leave blank.

* See next two pages for submission form and sample entry.

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR002 - 1

Location Course Capacities

A

CDP	Functional Commander / Skill Defense Group / Sequence Identifier	Abbreviated Name	Type Course	Activity	

Name	Status

Fiscal Year	Constraint Type Code	Quantity	Max Student Quantity	Max Convene Quantity	Max Shifts Capacity	Yearly Input Length (days)	Cons
		?				?	
		?				?	
		?				?	
		?				?	
		?				?	
		?				?	

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR002 - 1

Location Course Capacities

A

CDP	Functional Commander / Skill Defense Group / Sequence Identifier	Abbreviated Name	Type Course	Activity	
6084	B-300-0010	HM BASIC	A5	30638	N

Name	Status
HOSPITAL CORPSMAN BASIC	A 1979-05

Fiscal Year	Constraint Type Code	Quantity	Max Student Quantity	Max Convene Quantity	Max Shifts Capacity	Yearly Input Length (days)	Cons
1998	E	?	55	73	2	?	4015
1998	P	?	55	73	2	?	4015
1998	S	?	55	73	2	?	4015
1999	E	?	55	73	2	?	4015
1999	P	?	55	73	2	?	4015
1999	S	?	55	73	2	?	4015
2000	E	?	55	73	2	?	4015

COURSE LENGTH

Form: Functional Course Durations (INSTR008 - 1)

Procedure:

1. Complete personal information located on the top portion of the form. Please type or print legibly.
2. **Action Code:** A code indicating the action desired. Circle the action desired. Valid codes are defined as follows:

A - ADD new data. Applies to initial loading of data only.
C - CHANGE existing course data by replacing it with data listed on this form.
3. **Functional Commander/Skill Defense Group/Sequence Identifier:** Enter the Course Identification Number (CIN). A CIN is an alphanumeric code which identifies the course by sponsor (Functional Commander), DOD Skill (Skill Defense Group), and a sequence number (Sequence Identifier).
4. **Abbreviated Name:** Enter course short title. A course short title is defined as the abbreviated descriptive title of the course.
5. **Type Course:** An alphanumeric code which indicates the type training category. Enter type course. A list of all type courses begins on page 33.
6. **Functional Commander:** Enter "BUMED."
7. **Name:** Enter the course long title. A course long title is defined as the full descriptive title of the course.
8. **Status:** Leave blank.
9. **Fiscal Year:** Enter the four digit number of the fiscal year being updated or added. For example: 1997, 1998, 1999 etc.
10. **Effective Date:** The date on which a course is implemented. Enter the effective date (year, month, day). For example: 1997-09-01 for 1997 September 01.
11. **Termination Date:** The date on which a course is no longer implemented. Leave blank.

12. **COURSE LENGTH IN:**

Days: Enter the number representing the course length in calendar days including weekends.

Weeks: Represents the course length in weeks. Leave blank. NITRAS II will automatically compute the number in terms of weeks.

13. **Instructional:**

Days: An instructional day consists of eight instructional periods. The number of work days the class is in session excluding weekends and holidays. Enter the number representing the instructional days. A table of Peacetime (P) and Mobilization (M) Course Lengths and Instructional (I) Days begins on page 45.

Weeks: Represents the course length in weeks. Leave blank. NITRAS II will automatically compute the number in terms of weeks.

14. **Mobilization Days:** The planned course length for a course presented in days in the event of mobilization. Enter the number representing mobilization days. A table of Peacetime (P) and Mobilization (M) Course Lengths and Instructional (I) Days begins on page 45.

15. **Hours:** Reflects the time students spend in class or clinical rotations of a program or course.

Lecture: Hours reflecting the time spent in didactic, discussion, or demonstration periods and written testing. Enter the number of lecture hours for the entire course.

Laboratory: Hours reflecting the time spent in “hands-on” training and performance testing, including clinical rotation. Enter the number of laboratory hours for the entire course.

* See next two pages for submission form and sample entry.

E-Mail Address _____ Today's Date _____

A

Functional Commander Name

--	--	--	--

Status

--	--	--

Hours

[illegible]

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR008 - 1

Functional Course Durations

A

Functional Commander /
 Skill Defense Group /
 Sequence Identifier

Abbreviated Name

Type Course

Functional Commander Name

B-300-0010	HM BASIC	A5	CHIEF BUREAU OF M
------------	----------	----	-------------------

Name

Status

HOSPITAL CORPSMAN BASIC	A	1974-07
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COURSE LENGTH IN:

Fiscal Year	Effective Date	Termination Date	Instructional			Mobilization		Hours
			Days	Weeks	Days	Lecture	Laboratory	
1998	1979-09-01	1998-09-30	70	14.0	96	81	355	
1999	1998-10-01	1999-09-30	70	14.0	96	81	355	
2000	1999-10-01	2000-09-30	70	14.0	96	81	355	
2001	2000-10-01	2001-09-30	70	14.0	96	81	355	
2002	2001-10-01	2002-09-30	70	14.0	96	81	355	
2003	2002-10-01	2003-09-30	70	14.0	96	81	355	

CONTACT HOURS AND STUDENT-TO-INSTRUCTOR RATIOS

Form: Location Durations (INSTR005 - 1)

Procedure:

1. Complete personal information located on the top portion of the form. Please type or print legibly.
2. **Action Code:** A code indicating the action desired. Circle the action desired. Valid codes are defined as follows:

A - ADD new data. Applies to initial loading of data only.

C - CHANGE existing course data by replacing it with data listed on this form.
3. **CDP:** Enter the Course Data Processing Code (CDP). A CDP is an alphanumeric code assigned to identify each course or instruction within the NITRAS database and is also used as training history code for navy personnel records. Courses with the same CIN will have individually assigned CDP codes.
4. **Functional Commander/Skill Defense Group/Sequence Identifier:** Enter the Course Identification Number (CIN). A CIN is an alphanumeric code which identifies the course by sponsor (Functional Commander), DOD Skill (Skill Defense Group), and a sequence number (Sequence Identifier).
5. **Abbreviated Name:** Enter course short title. A course short title is defined as the abbreviated descriptive title of the course.
6. **Type Course:** An alphanumeric code which indicates the type training category. Enter type course. A list of all type courses begins on page 33.
7. **Activity:** Enter the Student Unit Identification Code (UIC) as identified in NAVCOMPTMAN Volume 2, Chapter 5. If no UIC is assigned, this field must be coordinated with and may not be changed without approval of the NITRAS/CANTRAC Manager.
8. **Activity Name:** Enter name of command.
9. **Status:** Leave blank.
10. **Long Title:** Enter the course long title. A course long title is defined as the full descriptive title of the course.

11. **Fiscal Year:** Enter the four digit number of the fiscal year. For example: 1997, 1998, 1999 etc.
12. **Instructor Type:** Personnel, military and civilian whose primary duty is teaching in classroom, learning center, laboratory, shop, line, or field situations on subjects pertinent to the primary mission of the school/course; and/or those personnel not primarily instructing but whose duties require instructor qualifications such as those who directly supervise instructors, perform testing, maintain curricula and course materials, evaluate training, counsel students and other similar duties. Valid codes are:
- B - Both Civilian and Military
C - Civilian/Contractor
M - Military
13. **Student-to-Instructor Ratios :** The ratio of students to instructors for each contact hour is set at the highest number of students that can be taught by one instructor without degradation to the quality of instruction and learning.
- Student Rate:** Enter number of students.
- Instructor Rate:** Enter number of instructors
- Note:** The standard student-to-instructor ratio for lectures and written tests is 25: 1 (25 students per one instructor).
14. **Contact Hours:** Reflects the time the students spend in class or clinical rotations to master a segment (i.e., unit, lesson topic, or learning objective) of the program or course. Enter contact hours.

* See next two pages for submission form and sample entry.

E-Mail Address _____ Today's Date _____

Action Code

Activity Name

--

[illegible]

Name _____ Rank/Rate _____
 (Last, First, Middle Initial)
 Command _____
 Address _____
 City _____ State _____ Zip Code _____
 Telephone Number: Commercial _____ DSN _____
 E-Mail Address _____ Today's Date _____

INSTR005 - 1

Location Durations

Action Code

CDP	Functional Commander / Skill Defense Group / Sequence Identifier	Abbreviated Name	Type Course	Activity	Activity Name
6084	B-300-0010	HM BASIC	A5	30638	NHCS GLAKES

Long Title

HOSPITAL CORPSMAN BASIC

Fiscal Year	Instructor Type			Student Rate	Instructor Rate	Contact Hou
1998	M	?	MILITARY	6	1	103
1998	M	?	MILITARY	8	1	30
1998	M	?	MILITARY	15	1	72
1998	M	?	MILITARY	25	1	355
1999	M	?	MILITARY	6	1	103
1999	M	?	MILITARY	8	1	30
1999	M	?	MILITARY	15	1	72

Catalog of Navy Training Courses (CANTRAC)

GENERAL CANTRAC STRUCTURE

1. Volume I, Introductory, General Information, and Quota Control Notes. Includes all general information not subject to frequent changes. This volume is subdivided into three sections as follows:
 - a. Section 1, Introduction. Contains introductory comments, guidelines for using CANTRAC, a description of the organization of CANTRAC, and explanations of pertinent terms and headings.
 - b. Section 2, General Information on Facilities. Lists such information as seasonal uniform changes, quarters availability, mess availability, and any other pertinent information relative to schools operated by the Navy. In some instances, information common to a single geographical area, schools command, or other training complex may be grouped under the activity to which it pertains.
 - c. Section 3, Quota Control Notes. When sufficient information cannot be presented in the Quota Control segment of the course description, refer to this section of Volume I.
2. Volume II, CANTRAC Course Descriptions. Volume II contains course information such as the Course Identification Number (CIN), location, course prerequisites, personnel reporting procedures, skill identifier for which training is applicable, along with purpose and scope. Also included as part of the course description is the class convening schedule extracted from NITRAS II. Some courses do not have regular convening dates, thus none are given. All courses are arranged in numerical sequence by CIN (disregarding the command identifier).

CANTRAC REPORTING REQUIREMENTS AND DEFINITIONS OF DATA ELEMENTS

1. CANTRAC Reporting Guidelines

a. Changes to Volume I. Submit in narrative form, typed on activity letterhead or Editing Instructions block of CNET-GEN 1500/19, and forward to:

Commanding Officer
Naval Education and Training Professional Development
and Technology Center (Code 0622)
6490 Saufley Field Road, Pensacola, FL 32509-5237

Via: Chief, Bureau of Medicine and Surgery, Code 5351
2300 E St. NW Washington DC 20372-5120

b. Changes to Volume II

(1) New Course. For a new course addition to CANTRAC, use CNET-GEN 1500/19 to input CANTRAC peculiar data items. (Forward typed or legibly written original only.) Data items common to both NITRAS and CANTRAC that are submitted into NITRAS will automatically be added to CANTRAC. When a course enters the system with only data from NITRAS, it will be carried in the CANTRAC computer coded as an incomplete description and will not appear in the catalog until a completed CNET-GEN 1500/19 is received. If the course status is active, the description should be forwarded promptly. If the course status is planned, the description should be submitted to coincide with the effective active status date and the next CANTRAC publication date.

(2) Course Data Changes. For course changes which affect CANTRAC and NITRAS common data items:

- A change to the NITRAS will automatically change the same information in CANTRAC.

- Convening dates for Volume II will be provided by NITRAS, and changes to this data must be made to the NITRAS system (using INSTR011 - 1 form).

For CANTRAC peculiar data:

- Enter "X" in the "Change" block on CNET-GEN 1500/19.

- Complete CIN and TITLE blocks on CNET-GEN 1500/19.
- Type changes into the appropriate block (scope, prerequisite, special information, etc.). These items may be submitted in their entirety, regardless of the extent of the change(s); or with specific instruction concerning the information to be added or changed. For example, “Add the following to existing data in this block, DSN XXX-XXXX.”

(3) Course Deletion. A deletion of a course in its entirety through NITRAS will automatically produce a delete transaction to the CANTRAC system. Courses carried in CANTRAC and not reported through NITRAS must be deleted by submitting a CNET-GEN 500/19 using the “Editing Instructions” block and type in “Delete Course.”

2. CANTRAC Data Elements. Those data elements common to both CANTRAC and NITRAS are identified below as being provided by NITRAS. NITRAS data in conjunction with data on CNET-GEN 1500/19 will be used in the preparation of CANTRAC.

Form: CNET-GEN 1500/19

To: All forms shall be addressed to:

Commanding Officer,
Naval Education and Training Professional Development
and Technology Center (Code 0622)
6490 Saufley Field Road, Pensacola, FL 32509-5237

From: Self-explanatory.

Date: The date the initiating activity prepared the form (year, month, day).

Via: All forms shall be addressed via the Curriculum Control Authority (MED-05). Enter Chief, Bureau of Medicine and Surgery, Code 5351, 2300 E St. NW, Washington DC 20372-5120.

Type Input: Only one appropriate blocked is checked, either “new course” or “change.” Type input is never left blank.

Course ID Number (CIN): The CIN is the alphanumeric code used to identify each course. All CINs shall have dashes to separate the three elements of the CIN which consists of a seven-or-position number containing the following:

- a. **Functional Commander/Command Identifier** - Represented by the first position of the CIN and is a single alpha character that identifies the

Curriculum Control Authority (CCA). A designated CCA exercises executive control over course planning and development, curriculum life cycle maintenance, and horizontal coordination with other commands responsible for providing resource support for course training facilities. All courses controlled by BUMED are designated by a “B” prefix.

b. **DOD Skill Identifying Code** - The skill code is the Department of Defense Skill Identifying Code. This code consists of an alphanumeric two-positions code for officer skills and numeric three-position code for enlisted skills. The skill codes are taken from the current edition of DOD Occupational Conversion Manual (DODINST 1312.1-M) for enlisted, officer and civilian.

c. **Sequential Number** - The sequential number will be assigned by mutual agreement between the course sponsor and the system manager. The number will occupy four positions and is numeric. Its primary purpose is to sequence courses within the same skill code for cataloging purposes. It may also be used to convey other meanings if such do not interfere with the primary purposes.

d. **A Sample CIN:** B-300-0010

(1) “B” is the Functional Commander/Command Identifier for Bureau of Medicine and Surgery.

(2) “300” is the DOD skill code for general medical care and treatment. The course descriptions are arranged sequentially by this number.

(3) “0010” is the sequence number within the skill code.

Long Title: The descriptive title of the course.

Purpose: A concise description of the training objectives of the course.

Scope: A description of the contents of the course.

Prerequisites: The qualifications needed for admittance to the course as specified by the Curriculum Control Authority. These qualifications may include paygrade, test scores, security clearances, prior schooling, special physical requirements, etc. Prerequisites such as source rating, paygrade restrictions, and component NECs must synchronize with NAVPERS 18068 (series), Manual of Manpower and Personnel Classification and Occupational Standards for NEC granting courses. Any changes to those criteria must be submitted in accordance with NAVPERS 18068 (series) for NEOCS approval and may not be activated until approval has been granted.

Source Rating (s): The rating(s) that personnel must hold to be eligible to attend this course. Not applicable to Class “A” courses.

Authorizing Signature and Title : Person responsible for requested new entry or change.

Quota Control: The command or activity controlling admission to the course, or a reference to the appropriate directive containing this information.

Personnel Report To: This field describes the specific reporting instructions and should include the building number, floor number, room number as applicable.

Special Information: The special information block describes any necessary user information not contained elsewhere in the course description or Volume I. It may also be used to indicate exceptions to information contained in Volume I, such as different funding data or exceptions to standard policy such as obligated period of service different than the TRANSMAN. If applicable, this block is the proper place to indicate what other categories of personnel are eligible such as “Officer/Enlisted may attend.” If a description concerning convening frequency, such as: “every other Tuesday,” “monthly, excluding December,” “twice weekly,” is considered important user information, it can be included in Special Information.

Editing Instructions/Continuation/Changes to Volume I : This item on the form is a multi-use space provided for any additional necessary information or for submitting narrative changes to Volume I.

a. **Editing Instructions** - For entering courses, changes to, or deletion of courses not carried in NITRAS.

b. **Continuation** - For any appropriate item requiring additional explanation/narrative and prepared in the prescribed format.

c. **Changes to Volume I** - Directions for entering changes or adding information to Volume I. Additional Sheets may be utilized and these should be attached to the submission form.

* See next four pages for submission form and sample entry.

CATALOG OF NAVY TRAINING COURSES
(CANTRAC)

TO:

FROM		DATE
VIA		
TYPE INPUT <input type="checkbox"/> New Course <input type="checkbox"/> Change		COURSE ID NUMBER (CIN)
LONG TITLE		
PURPOSE		
SCOPE		
PREREQUISITES		
SOURCE RATING(s)		
AUTHORIZING SIGNATURE		TITLE

QUOTA

PERSONNEL REPORT TO

SPECIAL INFORMATION

☐

Editing Instructions

☐

Continuation

☐

Changes to Volume I

CATALOG OF NAVY TRAINING COURSES
(CANTRAC)

TO: Commanding Officer, Naval Education and Training Professional Development and Technology Center (Code 0622)
6490 Saufley Field Road, Pensacola, FL 32509-5237

FROM		DATE
VIA Chief, Bureau of Medicine and Surgery NITRAS / CANTRAC Manager (MED-5351) 2300 E Street NW Washington, DC 20372-5120		
TYPE INPUT <input type="checkbox"/> New Course <input type="checkbox"/> Change		COURSE ID NUMBER (CIN) B-300-0010
LONG TITLE HOSPITAL CORPSMAN BASIC		
PURPOSE Completion of this course is mandatory for all personnel, regardless of input, for assignment to the Hospital Corpsman (HM) rating except the USCG HM/HS Class "A" School. To teach the basic principles and techniques of emergency medical care, operational medicine, and nursing care procedures.		
SCOPE Prepares personnel for duties as a general service hospital corpsman to function with the fleet operating units, the Fleet Marine Force (FMF), Medical Treatment Facilities (MTF), and further training. The course includes anatomy and physiology, medical mathematics, medical ethics, emergency medical care, operational medicine, preventive medicine, pharmacology and toxicology, nursing care procedures, and military requirements.		
PREREQUISITES Must be high school graduate or GED equivalent with ASVAB scores WK + MK + GS = 149 (5, 6, 7) or VE + MK + GS = 148 (16, 17, 18, 19, 20, 21, 22). Have normal color perception. Must be physically qualified for transfer per MANMED and TRANSMAN.		
SOURCE RATING(s) Selected Volunteers in paygrades E-1 through E-3.		
AUTHORIZING SIGNATURE		TITLE

QUOTA

ACDU USN: BUPERS-4010; Others: See Volume I

PERSONNEL REPORT TO

Commanding Officer, Naval Hospital Corps School, Building 130-H, D Street, Great Lakes, IL 60088-5257

SPECIAL INFORMATION

No individual will be accepted into the medical rating who has had a history of drug or alcohol abuse or incident. Waivers may be considered on a case by case basis and must include total times used, date of first usage and date of last usage. Submit applications to Bureau of Naval Personnel (PERS 4010). on NAVPERS 1306/7 per TRANSMAN.

REQUIRED ENCLOSURES TO NAVPERS 1306/7:

1. Copy of performance evaluations for past 3 years. Must include at least one evaluation prepared by applicant's current command.
2. Copy of service record pages 3/4, 5 and 9.
3. No non-judicial punishment, court martial or civil court action in the past 3 years.
4. Members can enhance their selection opportunity by performing in a medical environment and demonstrate an aptitude and sincere motivation toward care of the sick and injured. When this observation cannot be accomplished, a recommendation may be written based on the applicant's interview with the medical officer or senior medical department representative.
5. Commanding Officer's are responsible to verify all information. The Commanding Officer's endorsement must address the applicant's technical or professional competence, demonstrated or potential leadership ability, general attitudes and motivation, and assessment of worldwide assignability.
6. Results of FALANT.
7. High Year Tenure (HYT): E-3 and below applicants must submit copy of latest advancement exam profile sheet, if exam was PNA'd, to reflect eligibility to attain required obligated service. All others, as applicable, must submit request for HYT.



Editing Instructions



Continuation



Changes to Volume I

Service Categories (NITRAS II)

SERVICE CATEGORIES (NITRAS II)

Code	Short Name	Long Name
47	DCIVN	DOD, Civilian
48	DCIVNAVSEA	DOD, Civilian, No Restriction, NAVSEA
44	FCIVN	Foreign, Civilian
46	FNATN	Foreign, National
97	NCIVN	NDOD, Civilian, No Restriction
50	NCIVNSC	NON-DOD, Civilian, Sea Cadet
49	NMMN	NON-DOD, Merchant Marines
84	USAA	DOD, US Army, Active
37	USAANG	DOD, US Army, Active, National Guard
36	USAARG	DOD, US Army, Active, Regular
85	USAARS	DOD, US Army, Active, Reserve
86	USAF	DOD, US Air Force, Active
23	USAFANG	DOD, US Air Force, Active, National Guard
39	USAFARG	DOD, US Air Force, Active, Regular
38	USAFARS	DOD, US Air Force, Active, Reserve
51	USAIRS	DOD, US Army, Inactive, Reserve
96	USCGA	DOD, US Coast Guard, Active
42	USCGARG	DOD, US Coast Guard, Active, Regular
43	USCGARS	DOD, US Coast Guard, Active, Reserve
87	USMCA	DOD, US Marine Corps, Active
40	USMCARG	DOD, US Marine Corps, Active, Regular
88	USMCARGAIR	DOD, US Marine Corps, Active, Regular, Air
89	USMCARGLAN	DOD, US Marine Corps, Active, Regular, Land
91	USMCARGSUB	DOD, US Marine Corps, Active, Regular, Submarine
90	USMCARGSUR	DOD, US Marine Corps, Active, Regular, Surface
41	USMCARS	DOD, US Marine Corps, Active, Reserve
92	USMCARSAIR	DOD, US Marine Corps, Active, Reserve, Air
93	USMCARSLAN	DOD, US Marine Corps, Active, Reserve, Land
95	USMCARSSUB	DOD, US Marine Corps, Active, Reserve, Submarine
94	USMCARSSUR	DOD, US Marine Corps, Active, Reserve, Surface
10	USNA	DOD, US Navy, Active
6	USNAAIR	DOD, US Navy, Active, Air
17	USNAJROTC	DOD, US Navy, Active, JROTC
7	USNALAN	DOD, US Navy, Active, Land
1	USNARG	DOD, US Navy, Active, Regular
35	USNARG4YO	DOD, US Navy, Active, Regular, 4YO
34	USNARG6YO	DOD, US Navy, Active, Regular, 6YO
2	USNARGAIR	DOD, US Navy, Active, Regular, Air
80	USNARGAIR4YO	DOD, US Navy, Active, Regular, Air, 4YO
6	USNARGAIR6YO	DOD, US Navy, Active, Regular, Air, 6YO

SERVICE CATEGORIES (NITRAS II)

Code	Short Name	Long Name
3	USNARGLAN	DOD, US Navy, Active, Regular, Land
81	USNARGLAN4YO	DOD, US Navy, Active, Regular, Land, 4YO
77	USNARGLAN6YO	DOD, US Navy, Active, Regular, Land, 6YO
5	USNARGSUB	DOD, US Navy, Active, Regular, Submarine
83	USNARGSUB4YO	DOD, US Navy, Active, Regular, Submarine, 4YO
79	USNARGSUB6YO	DOD, US Navy, Active, Regular, Submarine, 6YO
4	USNARGSUR	DOD, US Navy, Active, Regular, Surface
82	USNARGSUR4YO	DOD, US Navy, Active, Regular, Surface, 4YO
78	USNARGSUR6YO	DOD, US Navy, Active, Regular, Surface, 6YO
16	USNAROTC	DOD, US Navy, Active, ROTC
15	USNARS	DOD, US Navy, Active, Reserve
33	USNARS4YO	DOD, US Navy, Active, Reserve, 4YO
32	USNARS6YO	DOD, US Navy, Active, Reserve, 6YO
18	USNARSAIR	DOD, US Navy, Active, Reserve, Air
64	USNARSAIR4YO	DOD, US Navy, Active, Reserve, Air, 4YO
60	USNARSAIR6YO	DOD, US Navy, Active, Reserve, Air, 6YO
19	USNARSLAN	DOD, US Navy, Active, Reserve, Land
65	USNARSLAN4YO	DOD, US Navy, Active, Reserve, Land, 4YO
61	USNARSLAN6YO	DOD, US Navy, Active, Reserve, Land, 6YO
21	USNARSSUB	DOD, US Navy, Active, Reserve, Submarine
67	USNARSSUB4YO	DOD, US Navy, Active, Reserve, Submarine, 4YO
63	USNARSSUB6YO	DOD, US Navy, Active, Reserve, Submarine, 6YO
20	USNARSSUR	DOD, US Navy, Active, Reserve, Surface
66	USNARSSUR4YO	DOD, US Navy, Active, Reserve, Surface, 4YO
62	USNARSSUR6YO	DOD, US Navy, Active, Reserve, Surface, 6YO
9	USNASUB	DOD, US Navy, Active, Submarine
8	USNASUR	DOD, US Navy, Active, Surface
45	USNATAR	DOD, US Navy, Active, TAR
11	USNATARAIR	DOD, US Navy, Active, TAR, Air
12	USNATARLAN	DOD, US Navy, Active, TAR, Land
14	USNATARSUB	DOD, US Navy, Active, TAR, Submarine
13	USNATARSUR	DOD, US Navy, Active, TAR, Surface
28	USNIRS	DOD, US Navy, Inactive, Reserve
24	USNIRSAIR	DOD, US Navy, Inactive, Reserve, Air
72	USNIRSAIR4YO	DOD, US Navy, Inactive, Reserve, Air, 4YO
68	USNIRSAIR6YO	DOD, US Navy, Inactive, Reserve, Air, 6YO
52	USNIRSAIRR1	DOD, US Navy, Inactive, Reserve, Air, R1
56	USNIRSAIRR2	DOD, US Navy, Inactive, Reserve, Air, R2
25	USNIRSLAN	DOD, US Navy, Inactive, Reserve, Land
73	USNIRSLAN4YO	DOD, US Navy, Inactive, Reserve, Land, 4YO

SERVICE CATEGORIES (NITRAS II)

Code	Short Name	Long Name
69	USNIRSLAN6YO	DOD, US Navy, Inactive, Reserve, Land, 6YO
53	USNIRSLANR1	DOD, US Navy, Inactive, Reserve, Land, R1
57	USNIRSLANR2	DOD, US Navy, Inactive, Reserve, Land, R2
29	USNIRSR1	DOD, US Navy, Inactive, Reserve, R1
30	USNIRSR2	DOD, US Navy, Inactive, Reserve, R2
27	USNIRSSUB	DOD, US Navy, Inactive, Reserve, Submarine
75	USNIRSSUB4YO	DOD, US Navy, Inactive, Reserve, Submarine, 4YO
71	USNIRSSUB6YO	DOD, US Navy, Inactive, Reserve, Submarine, 6YO
55	USNIRSSUBR1	DOD, US Navy, Inactive, Reserve, Submarine, R1
59	USNIRSSUBR2	DOD, US Navy, Inactive, Reserve, Submarine, R2
26	USNIRSSUR	DOD, US Navy, Inactive, Reserve, Surface
74	USNIRSSUR4YO	DOD, US Navy, Inactive, Reserve, Surface, 4YO
70	USNIRSSUR6YO	DOD, US Navy, Inactive, Reserve, Surface, 6YO
54	USNIRSSURR1	DOD, US Navy, Inactive, Reserve, Surface, R1
58	USNIRSSURR2	DOD, US Navy, Inactive, Reserve, Surface, R2
31	USNNMID	DOD, US Navy, Midshipman

Type Course

SECTION H2. TYPE COURSE

H2.1 CLASS “A”. Provides the basic knowledge and skills required to prepare for reporting entry level performance. Includes initial skill training (i.e. Apprenticeship Training, “A” Schools), rating conversion training (i.e. Master of Arms), initial skill Remedial Training and entry level officer training. An NEC/MOS/AFSC/officer billet specialty training (BST) will not normally be awarded. (Primary funding source: BUPERS)

- AA Apprentice Training
- AL “A” School Pipeline Courses
- AO Officer Preparatory Schools not associated with professional development programs
- AP Enlisted Preparatory Courses
- AR Initial Skill Training - Enlisted Remedial Training
- A1 Initial Skill Training - Enlisted “A” School
- A2 Initial Skill Training - Officer
- A3 Initial Skill Training - Enlisted “A” School and/or “A” School pipeline courses that award an NEC/MOS
- A4 Initial Skill Training - Enlisted Non-Accession “A” School
- A5 Initial Skill Training - Enlisted Medical “A” School
- A6 Initial Skill Training - Officer Medical

H2.2 CLASS “C”. Provides advanced specialized skill/knowledge/aptitude/qualification required to fill a particular billet (one which requires a specific skill code - is NEC/MOS/AFSC/officer BST coded). Course completion awards an NEC or officer BST. May also award an MOS or AFSC. (Primary funding source: BUPERS)

- C1 Skill Progression Training - Enlisted NEC/MOS
- C2 Skill Progression Training - Officer Billet Specialty Training
- C5 Skill Progression Training - Enlisted Medical NEC/MOS
- C6 Skill Progression Training - Officer Medical Billet Specialty
- CX Skill Progression Training - Officer Medical (Residence Only)

H2.3 CLASS “D”. Provides individual, not rating-specific training/education such as NAVLEAD, CIAC, non-pipeline refresher training as specified by BUPERS or OPNAV directives. (Primary funding source: BUPERS)

- D1 Professional Development Functional Skill Training - Enlisted
- D2 Professional Development Functional Skill Training - Officer

H2.4 CLASS “E”. Programs designed to provide formal professional educational instruction in a general or particular field of study which may lead to an academic degree.

- E1 Professional Development Education - Senior Service College
- E2 Professional Development Education - Intermediate Service School
- E3 Graduate Education for sub-specialty, full time, funded - Degree Program
- E4 Undergraduate Education - Degree Program
- E5 Postgraduate Education - Degree Program
- E6 Non-degree Educational Program
- E7 Health Education Programs
- E8 Other Education Programs

H2.5 CLASS “F”. Provides individual functional skill or rating-specific refresher training as required by Fleet or Type Commander. No NEC awarded. (Primary funding source: Fleet; Alternate funding: BUPERS on CNP approved case-by-case basis)

- F1 Functional Training - Enlisted
- F2 Functional Training - Officer
- F3 Functional Training - Enlisted PCS (CNP approved)
- F4 Functional Training - Officer PCS (CNP approved)

H2.6 CLASS “G”. Provides prerequisite knowledge/skills/techniques in a segment course of an NEC-awarding pipeline. Is not a rating-wide requirement. Does not, by itself, award an NEC/officer BST. (Primary funding source: BUPERS) NOTE: BUPERS funds will not normally be designated for personnel attending these courses outside the NEC-awarding pipeline unless a valid need is demonstrated (e.g. emergent operational requirements) and the funding exception has been approved by CNP.

- G1 Pipeline Skill Progression Training - Enlisted
- G2 Pipeline Skill Progression Training - Officer
- G5 Pipeline Skill Progression Training - Enlisted Medical
- G6 Pipeline Skill Progression Training - Officer Medical

H2.7 CLASS “M”. Training courses provided for USMC personnel only. These courses may have been “C” schools, but since they do not award an NEC and could award an MOS, they are now “M” schools.

- M1 Initial Skill Training - USMC Enlisted
- M2 Initial Skill Training - USMC Officer
- M3 Specialized Skill Training - USMC Enlisted
- M4 Specialized Skill Training - USMC Officer

H2.8 CLASS “P”. Officer acquisition programs designed to provide undergraduate education and/or indoctrination and basic training in fundamentals, preliminaries, or principles to midshipmen, officer candidates, and other newly commissioned officers (except those acquired through class “V” programs).

- PB Health Professional Acquisition Military Programs
- PC Other Programs
- PD Preparatory School
- P1 Officer Acquisition Training (Academy)
- P2 NROTC (Naval Reserve Officer Training Corps)
- P3 NJROTC (Naval Junior Reserve Officer Training Corps)
- P4 AVROC II (Aviation Reserve Officer Candidate Program)
- P5 ROC (Reserve Officer Candidate)
- P6 OCS (Officer Candidate School)
- P7 AOC (Pre-commissioning Aviation Officer Candidate)
- P8 NFO (Pre-commissioning Naval Flight Officer)
- P9 NUPOC-S (Nuclear Propulsion Officer Candidate - Surface)

H2.9 CLASS “R”. Training upon initial enlistment or induction which provides the general indoctrination and prepares the recruit for early adjustment to military life by providing skill and knowledge in basic military subjects.

NOTE: Does not include APPRENTICESHIP TRAINING.

- R1 Recruit Training
- R2 OSVET Training (Other Service Veteran)
- R3 NAVET Training
- R4 ARTS/FAST

H2.10 CLASS “T”. Provides team functional skill or rating-specific team refresher training as required by Fleet or Type Commander. No NEC awarded. (Primary funding source: Fleet; Alternate funding: BUPERS on a CNP approved case-by-case basis)

- T1 Team Functional Skill Training - Enlisted
- T2 Team Functional Skill Training - Officer
- T3 Team Functional Skill Training - Enlisted PCS (CNP approved)
- T4 Team Functional Skill Training - Officer PCS (CNP approved)

H2.11 CLASS “V”. Provides the skills which lead to the designation of Naval Aviator or Flight Officer. Use is restricted to CNATRA.

- V1 Undergraduate NASC/PRIM Flight Training
- V2 Undergraduate Flight Training - PROP
- V3 Undergraduate Flight Training - JET
- V4 Undergraduate Flight Training - HELO
- V5 Undergraduate NFO Training
- V6 Undergraduate Flight Surgeon/Test Pilot
- V7 Transition Pilot/NFL
- V8 Instruction Under Training Pilot/NFO

Acronyms and Abbreviations

ACRONYMS AND ABBREVIATIONS

ABBR	Abbreviations
ACAD	Academic
ACC	Accounting Category Code
ACDUTRA	Active Duty for Training
ACO	Assignment Control Officer
ACT	Action
ACTL	Actual
ACTY	Activity
ADP	Automated Data Processing
ADS	Automated Data System
AD/IS	Automated Data/Information System
AFIS	Armed Forces Information System
AI	Awaiting Instruction
AOB	Average on Board
ASVAB	Armed Services Vocational Aptitude Battery
AT	Awaiting Transfer
ATF	Aviation Training Form
ATSS	Aviation Training Support System
ATTR	Attrite
BMT	Basic Military Training
BUMED	Bureau of Medicine and Surgery
BUPERS	Bureau of Naval Personnel
CAI	Computer Assisted Instruction
CALC	Calculation
CANTRAC	Catalog of Navy Training Courses
CAP	Capacity
CCA	Curriculum Control Authority
CCC	Course Cost Code
CCMM	Course Curriculum Model Manager
CCOSTS	Course Costing System
CDP	Course Data Processing Code
CDT	Class Number/Date Table
CFY	Current Fiscal Year
CHG	Change
CHGBL, CHARG	Chargeable
CHNAVPERs	Chief of Naval Personnel
CIN	Course Identification Number
CLS	Class
CMI	Computer Managed Instruction
CNA	Center for Naval Analysis
CNATRA	Chief of Naval Air Training
CNET	Chief of Naval Education and Training

ACRONYMS AND ABBREVIATIONS

CNO	Chief of Naval Operations
CNTECHTRA, CNTT	Chief of Naval Technical Training
COMNAVAIRLANT	Commander, Naval Air Force, US Atlantic Fleet
COMNAVAIRPAC	Commander, Naval Air Force, US Pacific Fleet
COMNAVAIRRESFOR	Commander, Naval Air Reserve Forces
COMNAVRESFOR	Commander, Naval Reserve Forces
COMNAVSECGRU	Commander, Naval Security Group
COMNAVSURFRESFOR	Commander, Naval Surface Reserve Forces
COMTRALANT	Commander, Training Command, US Atlantic Fleet
COMTRAPAC	Commander, Training Command, US Pacific Fleet
CONT	Continue, Continuance
CONV	Convene
CRS, CRSE	Course
CSAO	CNET Staff Action Officer
CUM	Cumulative
DEPT	Department
DMDC	Defense Manpower Data Center
DOD	Department of Defense
DSN	Defense Switched Network
DSNRL	Disenroll, Disenrollments
DT	Date
DUINS - FURAS	Duty Under Instruction - Further Assignment
EAMTMU	Enlisted Aviation Maintenance Trainee Management Unit (formerly MATSG-90)
ECM	Enlisted Community Manager
EDP	Electronic Data Processing
EDPE	Electronic Data Processing Equipment
EMR	Enlisted Master Record
ENL	Enlisted
ENR, ENROL	Enrolled, Enrollments
EOF	End of File
EQUIV	Equivalent
ETH	Ethnic
EXCP, EXCEP	Exception
FFT	For Further Transfer
FMS	Foreign Military Sales
FORNAT	Foreign National
FRAMP	Fleet Replacement Aviation Maintenance Programs
FREQ	Frequency
FTDS	Formal Training Data System
FURAS	Further Assignment
FY	Fiscal Year

ACRONYMS AND ABBREVIATIONS

FYTD	Fiscal Year To Date
GAO	Government Accounting Office
GMT	General Military Training
GRAD, GRADS	Graduate, Graduation
GRP	Group
HDR	Header
II	Interruption of Instruction
IMI	Instructor Managed Instruction
INIT	Initial
INST, INSTR	Instructor
IPCA	Instructional Program Control Authority
IPMCC	Instructional Program Manager Curriculum Control
ISS	Instructional Support System
ITRO	Interservice Training Review Organization
LEN	Length
LMET	Leadership Management Education Training
LSC	Leading Systems Command
MAPMIS	Manpower And Personnel Management Information System
MASL	Military Assistance Program (MAP) Articles and Services List
MATSG-90	Marine Aviation Training Support Group 90 (currently EAMTMU)
MAX	Maximum
MCRF	Master Course Reference File
MILPERSIS	Military Personnel Information System
MIN	Minimum
MMTR	Military Manpower Training Report
MOB	Mobilization
MOI	Method of Instruction
MOS	Military Occupational Specialty Code
N-ACAD	Non-Academic
N-ATTR	Non-Academic Attrite
NAS	Naval Air Station
NAVAVMAINTOFF	Naval Aviation Maintenance Office
NAVM	Navy Master File
NAVMAC	Navy Manpower Analysis Center
NAVSEASYS COM	Naval Sea Systems Command
NCI	NEC Course Indicator
NCTS	Naval Computer Telecommunications Station (formerly NARDAC)
NDS	NITRAS Distribution System
NEC	Navy Enlisted Classification
NES	Navy Enlisted System
NETMIS	Naval Education and Training Management Information Subsystem

ACRONYMS AND ABBREVIATIONS

NETPDTC	Naval Education and Training Professional Development and Technology Center (formerly NETPMSA)
NETPMSA	Naval Education and Training Program Management Support Activity (currently NETPDTC)
NETSAFA	Navy Education and Training Security Assistance Field Activity
NITRAS	Navy Integrated Training Resources Administration System
NLDP	Navy Leadership Development Program
NO, NUM, NBR	Number
NOBC	Navy Officer Billet Classification Code
NON-DOD, NDOD	Non-Department of Defense
NPRDC	Navy Personnel Research and Development Center
NRAM	Navy Recruit Accession Module
NTRS	Navy Training Reservations System
NUI	Not Under Instruction
OCC	Officer Course Code
OFF	Officer
OPINS II	Officer Personnel Information System II
OPNAV	From the Office of CNO
PAOB	Planned Average on Board
PCDP	Pipeline CDP
PCT	Percent
PFY	Previous Fiscal Year
PI	Pipeline Indicator
PIC	Pipeline Indicator Code
PIR	Problem Investigation Request
PKG	Package
P/L	Pipeline
PMF	Pipeline Management File
PRIDE	Personalized Recruiting for Immediate and Delayed Enlistment
PRO ID	Process Identification Code
QSC	Quota Status Code
RM	Reports Manual
RMS	Resources Management System
ROT	Rotation
RTC	Recruit Training Command
RTSS	Reserve Training Support System
SAC	Student Action Code
SAM	Sea-Air Mariners
SBACK, STBK	Setback
SCDP	Segment CDP
SCI	Special Course Indicator
SCN	Student Control Number

ACRONYMS AND ABBREVIATIONS

SEA	Senior Enlisted Academy / Senior Enlisted Advisor
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SERV SUPP	Service Support Code
SMF	Student Master File
SOC	Student Origin Code
SPIRIT	Support Program for Incentives, Retention, and Training Assignment
SSN	Social Security Number
STDM	Standard Transfer Directive Module
STPC	Secondary TPC
SUB-SPEC	Sub-specialty Code
TAG	Training Assessment Group
TAR	Training and Administration of Reserves
TAS	Training Appraisal System
TC	Type Course
TEMADDINS	Temporary Additional Duty (TAD) Under Instruction
TEMDU-RECRUIT	Temporary Duty for Recruit Training
TEMDUINS-FFT	Temporary Duty Under Instruction - For Further Transfer
TEMDUINS-FURAS	Temporary Duty Under Instruction - Further Assignment
TIC	Training Indicator Code
TIRO	Training Information Resources Office
TPC	Training Program Coordinator
TPO	Training Plans Officer
TRADS	Training Resources Administration System
TRITRAFAC	Trident Training Facility
TSF	Training Summary File
UI	Under Instruction
UIC	Unit Identification Code
UM	User Manual
UML	Upper Management Limit
UNIVAC 1100	NCTS Mainframe Computer containing NITRAS Databases
USA	United States Army
USAF	United States Air Force
USCG	United States Coast Guard
USN	United States Navy, Active
USNR	United States Navy Reserves
USNR-R	United States Navy Reserves, Inactive
USMC	United States Marine Corps
UTIL	Utilization
VAMOSC	Visibility and Management Operations Support Cost
VAX 11/785	NETPMSA Computer used for data collection/distribution
VTs	Versatile Training System
WCN	Work Control Number
WVD	Waived

ACRONYMS AND ABBREVIATIONS

YR	Year
XGRAD	Exception Graduation

PEACETIME (P) AND MOBILIZATION (M) COURSE LENGTHS AND INSTRUCTIONAL (I) DAYS

1. PEACETIME (P) COURSE LENGTH is the total instructional days (plus Saturdays and Sundays) that elapse from the class convene date through and including the class graduation date of a typical class.
2. MOBILIZATION (M) COURSE LENGTH is taken from Annex X of CNETINST 3061.1A.
3. INSTRUCTIONAL (I) DAYS are derived from the Course Master Schedule.

P	M	I	P	M	I	P	M	I
1	1	1	31	26	23	61	51	45
2	2	2	32	27	24	62	NA / 51	-
3	3	3	33	27	25	63	NA / 52	-
4	4	4	34	NA / 28	-	64	53	46
5	5	5	35	NA / 29	-	65	54	47
6	NA / 5	-	36	30	26	66	55	48
7	NA / 6	-	37	31	27	67	56	49
8	6	6	38	32	28	68	56	50
9	7	7	39	32	29	69	NA / 57	-
10	8	8	40	33	30	70	NA / 58	-
11	9	9	41	NA / 34	-	71	59	51
12	10	10	42	NA / 35	-	72	60	52
13	NA / 11	-	43	36	31	73	61	53
14	NA / 12	-	44	37	32	74	61	54
15	12	11	45	37	33	75	62	55
16	13	12	46	38	34	76	NA / 63	-
17	14	13	47	39	35	77	NA / 64	-
18	15	14	48	NA / 40	-	78	65	56
19	16	15	49	NA / 41	-	79	66	58
20	NA / 17	-	50	42	36	80	66	58
21	NA / 17	-	51	42	37	81	67	59
22	18	16	52	43	38	82	68	60
23	19	17	53	44	39	83	NA / 69	-
24	20	18	54	45	40	84	NA / 70	-
25	21	19	55	NA / 46	-	85	71	61
26	22	20	56	NA / 46	-	86	71	62
27	NA / 22	-	57	47	41	87	72	63
28	NA / 23	-	58	48	42	88	73	64
29	24	21	59	49	43	89	74	65
30	25	22	60	50	44	90	NA / 75	-

PEACETIME (P) AND MOBILIZATION (M) COURSE LENGTHS

AND INSTRUCTIONAL (I) DAYS

P	M	I	P	M	I	P	M	I
91	NA / 76	-	131	109	95	171	142	123
92	76	66	132	NA / 110	-	172	143	124
93	77	67	133	NA / 110	-	173	144	125
94	78	68	134	111	96	174	NA / 144	-
95	79	69	135	112	97	175	NA / 145	-
96	80	70	136	113	98	176	146	126
97	NA / 81	-	137	114	99	177	147	127
98	NA / 81	-	138	115	100	178	148	128
99	82	71	139	NA / 115	-	179	149	129
100	83	72	140	NA / 116	-	180	149	130
101	84	73	141	117	101	181	NA / 150	-
102	85	74	142	118	102	182	NA / 151	-
103	85	75	143	119	103	183	152	131
104	NA / 86	-	144	120	104	184	153	132
105	NA / 87	-	145	120	105	185	154	133
106	88	76	146	NA / 121	-	186	154	134
107	89	77	147	NA / 122	-	187	155	135
108	90	78	148	123	106	188	NA / 156	-
109	90	79	149	124	107	189	NA / 157	-
110	91	80	150	125	108	190	158	136
111	NA / 92	-	151	125	109	191	159	137
112	NA / 93	-	152	126	110	192	159	138
113	94	81	153	NA / 127	-	193	160	139
114	95	82	154	NA / 128	-	194	161	140
115	95	83	155	129	111	195	NA / 162	-
116	96	84	156	129	112	196	NA / 163	-
117	97	85	157	130	113	197	164	141
118	NA / 98	-	158	131	114	198	164	142
119	NA / 99	-	159	132	115	199	165	143
120	100	86	160	NA / 133	-	200	166	144
121	100	87	161	NA / 134	-	201	167	145
122	101	88	162	134	116	202	NA / 168	-
123	102	89	163	135	117	203	NA / 168	-
124	103	90	164	136	118	204	169	146
125	NA / 104	-	165	137	119	205	170	147
126	NA / 105	-	166	138	120	206	171	148
127	105	91	167	NA / 139	-	207	172	149
128	106	92	168	NA / 139	-	208	173	150
129	107	93	169	140	121	209	NA / 173	-
130	108	94	170	141	122	210	NA / 174	-